

# BILL OF MATERIAL

LIONDA TECHNOLOGY CO.,LTD

DATABASE: PCB1050

ASSEMBLY PART NUMBER: - -

COMPONENT EFFECTIVE DATE: 01-05-26

CHECKED BY: \_\_\_\_\_

DESCRIPTION: PCBA\_FRS 1050

ECO NUMBER:

REVISION: P0

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| ITEM | LD_NPART      | DESCRIPTION                                      | SMT | REV | QUANTITY | REFERENCE                                            |
|------|---------------|--------------------------------------------------|-----|-----|----------|------------------------------------------------------|
| 1    | 126-0102-001A | IFT COIL 224-005S                                |     | P0  | 1.000    | L13                                                  |
| 2    | 12A-2022-101A | CAP_E_MINI 100uF/10V(D5XL7)                      |     | P0  | 2.000    | C15,C17                                              |
| 3    | 12A-2032-010A | CAP_E_MINI 1uF/16V(D4XL7)                        |     | P0  | 1.000    | C14                                                  |
| 4    | 12A-2032-100A | CAP_E_MINI 10uF/16V(D4XL7)                       |     | P0  | 2.000    | C77,C108                                             |
| 5    | 12C-1170-001A | XTAL_32.768KHz D3X8                              |     | P0  | 1.000    | X1                                                   |
| 6    | 12C-1420-001A | XTAL_21.25MHz HC-49US(3.6mm) +/-5PPM(-10~+65度)   |     | P0  | 1.000    | X2                                                   |
| 7    | 12D-1420-001A | CRYSTAL FILTERS 21.7MHz                          |     | P0  | 1.000    | FL2                                                  |
| 8    | 12D-2120-001A | CERAMIC FILTER LTM450HT                          |     | P0  | 1.000    | FL4                                                  |
| 9    | 12D-5120-001A | SAW_FILTERS S465MHz                              |     | P0  | 1.000    | FL1                                                  |
| 10   | 146-2122-001A | SWITCH_RESET DHT-1106A                           |     | P0  | 2.000    | SW1,SW2                                              |
| 11   | 111-2103-001A | IC_LI KA3361/MC3361D/SIT336101-S0B0 (SOP)        | Y   | P0  | 1.000    | IC2                                                  |
| 12   | 111-2103-005A | IC_LI KA324/KIA324/LM324(SOP)                    | Y   | P0  | 3.000    | U1,U2,U3                                             |
| 13   | 111-2103-006A | IC_LI TB31202FN(SOP)                             | Y   | P0  | 1.000    | IC5                                                  |
| 14   | 111-2103-008A | IC_LI KA386/LM386(SOP)                           | Y   | P0  | 1.000    | IC1                                                  |
| 15   | 112-1106-001A | TR_SS KST2907TF/KTN2907S/AS /MMBT2907LT1(SOT-23) | Y   | P0  | 5.000    | Q1,Q5,Q6,Q7,Q12                                      |
| 16   | 112-1306-001A | TR_SS KSC1623Y(SOT-23)                           | Y   | P0  | 6.000    | Q3,Q4,Q9,Q13,Q15,Q21                                 |
| 17   | 112-2213-001A | TR_RF POWER 2SC4988(SOT-89)                      | Y   | P0  | 2.000    | Q8,Q16                                               |
| 18   | 112-2306-001A | TR_RF KTC3880Y SOT23                             | Y   | P0  | 1.000    | Q14                                                  |
| 19   | 112-2306-003A | TR_RF 2SC4901 (SOT-23) HFE:120-250               | Y   | P0  | 6.000    | Q2,Q11,Q17,Q18,Q19,Q20                               |
| 20   | 114-1207-001A | DIODE_SW LL4148/MM4148 MELF                      | Y   | P0  | 5.000    | D1,D4,D11,D13,R101                                   |
| 21   | 114-4008-001A | DIODE_VAR KDV154B(SOT-23)                        | Y   | P0  | 5.000    | D2,D3,D5,D8,D9                                       |
| 22   | 122-0224-000A | RES_(0603)-10 0 OHM                              | Y   | P0  | 3.000    | C34,R137,R224                                        |
| 23   | 122-0224-100A | RES_(0603)-10 10 OHM                             | Y   | P0  | 11.000   | R18,R22,R53,R69,R89,R94,R112,R126,R151,R152,R199     |
| 24   | 122-0224-101A | RES_(0603)-10 100 OHM                            | Y   | P0  | 2.000    | R43,R135                                             |
| 25   | 122-0224-102A | RES_(0603)-10 1 KOHM                             | Y   | P0  | 13.000   | R12,R20,R38,R39,R75,R128,R140,R141,R142,R147,R149    |
| 26   | 122-0224-102A | RES_(0603)-10 1 KOHM                             | Y   | P0  | 0.000    | D14,R220                                             |
| 27   | 122-0224-103A | RES_(0603)-10 10 KOHM                            | Y   | P0  | 14.000   | D6,R2,R13,R37,R54,R57,R60,R83,R98,R99,R124,R134,R139 |
| 28   | 122-0224-103A | RES_(0603)-10 10 KOHM                            | Y   | P0  | 0.000    | R145                                                 |
| 29   | 122-0224-104A | RES_(0603)-10 100 KOHM                           | Y   | P0  | 14.000   | R3,R4,R11,R21,R52,R62,R67,R84,R85,R86,R88,R97,R204   |
| 30   | 122-0224-104A | RES_(0603)-10 100 KOHM                           | Y   | P0  | 0.000    | R205                                                 |
| 31   | 122-0224-105A | RES_(0603)-10 1 MOHM                             | Y   | P0  | 1.000    | R59                                                  |
| 32   | 122-0224-123A | RES_(0603)-10 12 KOHM                            | Y   | P0  | 5.000    | R5,R9,R29,R70,R73                                    |
| 33   | 122-0224-152A | RES_(0603)-10 1.5 KOHM                           | Y   | P0  | 1.000    | R106                                                 |
| 34   | 122-0224-154A | RES_(0603)-10 150 KOHM                           | Y   | P0  | 1.000    | R87                                                  |
| 35   | 122-0224-182A | RES_(0603)-10 1.8 KOHM                           | Y   | P0  | 1.000    | R55                                                  |
| 36   | 122-0224-183A | RES_(0603)-10 18 KOHM                            | Y   | P0  | 4.000    | R14,R19,R200,R203                                    |
| 37   | 122-0224-221A | RES_(0603)-10 220 OHM                            | Y   | P0  | 1.000    | R7                                                   |
| 38   | 122-0224-222A | RES_(0603)-10 2.2 KOHM                           | Y   | P0  | 8.000    | R42,R76,R108,R117,R122,R131,R138,R153                |
| 39   | 122-0224-223A | RES_(0603)-10 22 KOHM                            | Y   | P0  | 16.000   | R23,R30,R40,R44,R46,R47,R48,R49,R50,R51,R63,R71,R116 |
| 40   | 122-0224-223A | RES_(0603)-10 22 KOHM                            | Y   | P0  | 0.000    | R118,R127,R150                                       |
| 41   | 122-0224-224A | RES_(0603)-10 220 KOHM                           | Y   | P0  | 12.000   | R66,R96,R209,R210,R211,R212,R213,R214,R215,R216,R217 |
| 42   | 122-0224-224A | RES_(0603)-10 220 KOHM                           | Y   | P0  | 0.000    | R218                                                 |
| 43   | 122-0224-225A | RES_(0603)-10 2.2 MOHM                           | Y   | P0  | 1.000    | R226                                                 |
| 44   | 122-0224-273A | RES_(0603)-10 27 KOHM                            | Y   | P0  | 1.000    | R206                                                 |
| 45   | 122-0224-330A | RES_(0603)-10 33 OHM                             | Y   | P0  | 5.000    | R77,R80,R123,R136,R143                               |

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|------|---------------|----------------------------------------------------|-----|-----|----------|-------------------------------------------------|
| 46   | 122-0224-331A | RES_(0603)-10 330 OHM                              | Y   | P0  | 2.000    | R79,R91                                         |
| 47   | 122-0224-332A | RES_(0603)-10 3.3 KOHM                             | Y   | P0  | 2.000    | R28,R68                                         |
| 48   | 122-0224-333A | RES_(0603)-10 33 KOHM                              | Y   | P0  | 7.000    | R1,R10,R24,R41,R82,R93,R107                     |
| 49   | 122-0224-334A | RES_(0603)-10 330 KOHM                             | Y   | P0  | 4.000    | R58,R90,R95,R104                                |
| 50   | 122-0224-393A | RES_(0603)-10 39 KOHM                              | Y   | P0  | 2.000    | R25,R111                                        |
| 51   | 122-0224-470A | RES_(0603)-10 47 OHM                               | Y   | P0  | 1.000    | L16                                             |
| 52   | 122-0224-471A | RES_(0603)-10 470 OHM                              | Y   | P0  | 1.000    | R102                                            |
| 53   | 122-0224-472A | RES_(0603)-10 4.7 KOHM                             | Y   | P0  | 11.000   | R8,R33,R34,R35,R45,R81,R114,R120,R121,R125,R148 |
| 54   | 122-0224-473A | RES_(0603)-10 47 KOHM                              | Y   | P0  | 10.000   | R16,R17,R31,R32,R36,R56,R92,R110,R113,R119      |
| 55   | 122-0224-4R7A | RES_(0603)-10 4.7 OHM                              | Y   | P0  | 1.000    | R15                                             |
| 56   | 122-0224-513A | RES_(0603)-10 51 KOHM                              | Y   | P0  | 1.000    | R207                                            |
| 57   | 122-0224-560A | RES_(0603)-10 56 OHM                               | Y   | P0  | 2.000    | R129,R146                                       |
| 58   | 122-0224-562A | RES_(0603)-10 5.6 KOHM                             | Y   | P0  | 5.000    | R65,R72,R109,R144,R154                          |
| 59   | 122-0224-563A | RES_(0603)-10 56 KOHM                              | Y   | P0  | 2.000    | R103,R115                                       |
| 60   | 122-0224-682A | RES_(0603)-10 6.8 KOHM                             | Y   | P0  | 6.000    | R6,R26,R27,R130,R133,R202                       |
| 61   | 122-0224-683A | RES_(0603)-10 68 KOHM                              | Y   | P0  | 2.000    | R64,R100                                        |
| 62   | 122-0224-820A | RES_(0603)-10 82 OHM                               | Y   | P0  | 1.000    | R132                                            |
| 63   | 122-0224-822A | RES_(0603)-10 8.2 KOHM                             | Y   | P0  | 2.000    | R74,R78                                         |
| 64   | 122-0224-823A | RES_(0603)-10 82 KOHM                              | Y   | P0  | 2.000    | R61,R105                                        |
| 65   | 122-0224-912A | RES_(0603)-10 9.1 KOHM                             | Y   | P0  | 1.000    | R201                                            |
| 66   | 123-3224-503A | CHIP SVR 50 KOHM                                   | Y   | P0  | 2.000    | VR1,VR3                                         |
| 67   | 124-3140-003A | CHIP SPRING COIL D1.2X0.32X3T                      | Y   | P0  | 4.000    | L1,L3,L8,L11                                    |
| 68   | 124-3140-004A | CHIP SPRING COIL D1.2X0.32X4T                      | Y   | P0  | 6.000    | L4,L5,L6,L9,L10,L17                             |
| 69   | 124-3140-005A | CHIP SPRING COIL D1.2X0.32X5T                      | Y   | P0  | 3.000    | L2,L12,L14                                      |
| 70   | 124-3352-S22A | CHIP COIL SQUARE 22nH/K(0603)                      | Y   | P0  | 1.000    | L15                                             |
| 71   | 124-3362-2R2A | CHIP COIL SQUARE 2.2uH/K(0805)                     | Y   | P0  | 1.000    | L7                                              |
| 72   | 127-7500-050A | CAP_C TRIMMER 5PF (SMT)                            | Y   | P0  | 1.000    | C132                                            |
| 73   | 128-1211-010A | CAP_C CHIP 1PF/B/(CH)/(0603) A:COG150L             | Y   | P0  | 2.000    | C97,C101                                        |
| 74   | 128-1211-020A | CAP_C CHIP 2PF/B/(+/-0.15PF)/(CH)/(0603) A:COG150L | Y   | P0  | 1.000    | C87                                             |
| 75   | 128-1213-050A | CAP_C CHIP 5PF/D/(CH)/(0603) A:COG150L             | Y   | P0  | 3.000    | C116,C122,C124                                  |
| 76   | 128-1213-060A | CAP_C CHIP 6PF/D/(CH)/(0603) A:COG150L             | Y   | P0  | 2.000    | C109,C112                                       |
| 77   | 128-1213-070A | CAP_C CHIP 7PF/D/(CH)/(0603) A:COG150L             | Y   | P0  | 1.000    | C115                                            |
| 78   | 128-1213-080A | CAP_C CHIP 8PF/D/(CH)/(0603) A:COG150L             | Y   | P0  | 4.000    | C30,C92,C100,C114                               |
| 79   | 128-1213-090A | CAP_C CHIP 9PF/D/(CH)/(0603) A:COG150L             | Y   | P0  | 1.000    | C31                                             |
| 80   | 128-1213-100A | CAP_C CHIP 10PF/D/(CH)/(0603) A:COG150L            | Y   | P0  | 3.000    | C49,C84,C143                                    |
| 81   | 128-1213-2R2A | CAP_C CHIP 2.2PF/D/(CH)/(0603) A:COG150L           | Y   | P0  | 1.000    | C121                                            |
| 82   | 128-1213-2R7A | CAP_C CHIP 2.7PF/D/(CH)/(0603) A:COG150L           | Y   | P0  | 1.000    | C139                                            |
| 83   | 128-1213-3R3A | CAP_C CHIP 3.3PF/D/(CH)/(0603) A:COG150L           | Y   | P0  | 2.000    | C118,C120                                       |
| 84   | 128-1216-101A | CAP_C CHIP 100PF/J/(CH)/(0603) A:COG150L           | Y   | P0  | 5.000    | C94,C107,C125,C127,C130                         |
| 85   | 128-1216-120A | CAP_C CHIP 12PF/J/(CH)/(0603) A:COG150L            | Y   | P0  | 1.000    | C48                                             |
| 86   | 128-1216-150A | CAP_C CHIP 15PF/J/(CH)/(0603) A:COG150L            | Y   | P0  | 1.000    | C93                                             |
| 87   | 128-1216-200A | CAP_C CHIP 20PF/J/(CH)/(0603) A:COG150L            | Y   | P0  | 3.000    | C83,C95,C131                                    |
| 88   | 128-1216-220A | CAP_C CHIP 22PF/J/(CH)/(0603) A:COG150L            | Y   | P0  | 1.000    | C117                                            |
| 89   | 128-1216-221A | CAP_C CHIP 220PF/J/(CH)/(0603) A:COG150L           | Y   | P0  | 9.000    | C8,C10,C41,C58,C60,C67,C129,C134,C137           |
| 90   | 128-1216-300A | CAP_C CHIP 30PF/J/(CH)/(0603) A:COG150L            | Y   | P0  | 2.000    | C38,C39                                         |

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|------|---------------|------------------------------------------|-----|-----|----------|-----------------------------------------------------|
| 91   | 128-1216-471A | CAP_C_CHIP 470PF/J(CH)(0603) A:COG150L   | Y   | P0  | 4.000    | C19,C53,C88,C144                                    |
| 92   | 128-1216-681A | CAP_C_CHIP 680PF/J(CH)(0603) A:COG150L   | Y   | P0  | 3.000    | C2,C3,C105                                          |
| 93   | 128-1216-820A | CAP_C_CHIP 82PF/J(CH)(0603) A:COG150L    | Y   | P0  | 3.000    | C28,C128,C133                                       |
| 94   | 128-2297-102A | CAP_C_C.H.D. B0.001uF/K(0603) X:X7R282L  | Y   | P0  | 13.000   | C24,C52,C56,C62,C82,C102,C119,C140,C142,C145        |
| 95   | 128-2297-102A | CAP_C_C.H.D. B0.001uF/K(0603) X:X7R282L  | Y   | P0  | 0.000    | C147,C148,C149                                      |
| 96   | 128-2297-103A | CAP_C_C.H.D. B0.01uF/K(0603) X:X7R282L   | Y   | P0  | 8.000    | C21,C89,C91,C98,C103,C110,C113,C141                 |
| 97   | 128-2297-122A | CAP_C_C.H.D. B0.0012uF/K(0603) X:X7R282L | Y   | P0  | 2.000    | C12,C3                                              |
| 98   | 128-2297-223A | CAP_C_C.H.D. B0.022uF/K(0603) X:X7R282L  | Y   | P0  | 8.000    | C13,C46,C47,C57,C63,C68,C70,C106                    |
| 99   | 128-2297-472A | CAP_C_C.H.D. B0.0047uF/K(0603) X:X7R282L | Y   | P0  | 1.000    | C45                                                 |
| 100  | 128-22A8-333A | CAP_C_C.H.D. F0.033uF/M(0603) Y:YF153L   | Y   | P0  | 4.000    | C4,C5,C6,C104                                       |
| 101  | 128-22A8-473A | CAP_C_C.H.D. F0.047uF/M(0603) Y:YF153L   | Y   | P0  | 12.000   | C7,C37,C40,C51,C59,C66,C71,C72,C73,C74,C75,C81      |
| 102  | 128-22A9-104A | CAP_C_C.H.D. F0.1uF/Z(0603) Y:YF153L     | Y   | P0  | 24.000   | C16,C22,C25,C26,C29,C36,C50,C54,C61,C69,C76,C79,C80 |
| 103  | 128-22A9-104A | CAP_C_C.H.D. F0.1uF/Z(0603) Y:YF153L     | Y   | P0  | 0.000    | C64,C65,C85,C86,C90,C96,C99,C126,C135,C150          |
| 104  | 128-23A9-105A | CAP_C_C.H.D. F 1uF/Z(0805) Y:YF153L      | Y   | P0  | 8.000    | C9,C23,C27,C55,C78,C136,C138,C146                   |
| 105  | 128-23A9-224A | CAP_C_C.H.D.F0.22uF/Z(0805) Y:YF153L     | Y   | P0  | 2.000    | C1,C44                                              |
| 106  | 128-23A9-474A | CAP_C_C.H.D.F0.47uF/Z(0805) Y:YF153L     | Y   | P0  | 3.000    | C18,C20,C35                                         |